

Title (en)
DETERMINATION OF A SPATIAL DISTRIBUTION OF THE PERMEABILITY OF AN ELECTROCHEMICAL CELL ELECTRODE

Title (de)
BESTIMMUNG EINER RÄUMLICHEN VERTEILUNG DER PERMEABILITÄT EINER ELEKTRODE EINER ELEKTROCHEMISCHEN ZELLE

Title (fr)
DÉTERMINATION D'UNE DISTRIBUTION SPATIALE DE LA PERMÉABILITÉ D'UNE ÉLECTRODE DE CELLULE ÉLECTROCHIMIQUE

Publication
EP 3145012 B1 20180509 (FR)

Application
EP 16189601 A 20160920

Priority
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Abstract (en)
[origin: US2017098838A1] The invention relates to a method for determining a spatial distribution (kx,yf) of a parameter of interest (k) representative of a permeability of a diffusion layer of at least one electrode of an electrochemical cell, comprising steps in which a spatial distribution (kx,yf) of the parameter of interest (k) is determined depending on the spatial distribution (Qx,ye) of a second thermal quantity (Qe) estimated beforehand from the spatial distribution (Tx,yc) of a set-point temperature (Tc) and from the spatial distribution (Dx,yr) of a first thermal quantity (Dr).

IPC 8 full level
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Cited by
CN110993035A; CN113703069A

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